

Abstract

The stomatological tip comprises a head accommodating a turbine with a means for holding a stomatological instrument and at least one hole for gas admission to the turbine, a tip body having a socket for the head to receive, a gas admission duct communicating with a gas supply line. The socket for the hole is capable of providing a complete revolution of the head, while the means for holding a stomatological instrument appears as a collet holder having a control push-button. The tip is furnished with a valve, an intermediate duct provided in the head, an additional duct provided in the tip body and having its outlet communicating with the inlet of the intermediate duct, the clamping blades of the collet holder are accommodated inside the head and the control push-button is accommodated inside the head so as to perform reciprocating motion and have effect on the clamping blades of the collet holder. The control push-button has a surface to be pushed down and a surface for the clamping blades of the collet holder to open, and a hollow space is confined between the inner surface of the head and the push-down surface of the control push-button, the hollow space communicating with the outlet of the intermediate duct. The gas supply line is adapted for communicating, via the valve, with the inlet of the additional duct, and the outlet of the additional duct and the inlet of the intermediate duct communicate with each other via a groove, with the head assuming any position while rotating, the groove is made on the inner surface of the socket for the head to receive, or on the outer surface of that portion of the head which is disposed inside the socket.